Amendments to and Listing of the Claims

1. (amended) A resistive voltage divider comprising:

an insulating substrate;

a first terminal for application of an input voltage;

a second terminal;

a third terminal;

a first resistor formed on the insulating substrate and connected between the first and second terminals;

a second resistor formed on the insulating substrate and connected between the second and third terminals; and

a metallic conductor formed on the insulating substrate, connected at one end to the first terminal, disposed to be adjacent to at least part of the first resistor and having a distributed deliberate capacitive coupling thereto and selected to compensate ~~for~~ corresponding distributed stray capacitance from respective locations along the first resistor to a circuit ground by charging the distributed stray capacitance to voltages that the distributed stray capacitance would otherwise be charged to by the respective locations along the first resistor in the absence of the distributed capacitive coupling.

2. (original) A resistive voltage divider as in claim 1 wherein the substrate is ceramic and the first resistor is a serpentine pattern of nickel chromium.

Claims 3 - 6: Canceled (withdrawn as unelected).

* * * * * * * * * * * * * * *